					DEPARTMENT	T OF NA	OF UTAH TURAL RES GAS AND M				AMENI	FO DED REPOR	RM 3	
	APPLICATION FOR PERMIT TO DRILL								1. WELL NAME and NUMBER GMBU I-25-9-15					
2. TYPE OF WORK DRILL NEW WELL (REENTER P&A WELL DEEPEN WELD WELL DEEPEN WELL DEEPEN WELL DEEPEN WELL DEEPEN WELL DEEPEN WEL								3. FIELD OR WILDCAT MONUMENT BUTTE						
4. TYPE OF	WELL	Oi	I Well Co	albed	Methane Well: NO					5. UNIT or COMMUNIT	FIZATION GMBU (ENT NAM	1E
6. NAME O	F OPERATOR		NEWFIELD PRO	DUCT	ION COMPANY					7. OPERATOR PHONE		·		
8. ADDRES	S OF OPERATO	DR .			on, UT, 84052					9. OPERATOR E-MAIL		ewfield.co	m	
	AL LEASE NUM		N 3 Box 3030		11. MINERAL OWNERS	SHIP				12. SURFACE OWNERS		ewiicia.co		
		UTU-66185			FEDERAL INC	DIAN 🜅) STATE () FEE()		DIAN 🜅	STATE		EE 💮
		OWNER (if box 12 =								14. SURFACE OWNER		`	·	
15. ADDRE	SS OF SURFA	CE OWNER (if box	12 = 'fee')							16. SURFACE OWNER	R E-MAIL	(if box 12	= 'fee')	
	I ALLOTTEE OF = 'INDIAN')	R TRIBE NAME			18. INTEND TO COMM MULTIPLE FORMATIO		PRODUCTION	NFROM		19. SLANT				
(II DOX 12	- indiant,				YES (Submit C	Comming	ling Applicati	ion) NO 值)	VERTICAL DIF	RECTION	AL 📵 H	IORIZONT	AL 🔵
20. LOCA	TION OF WELL			FOO	TAGES	QT	r-qtr	SECTIO	ON	TOWNSHIP	R	ANGE	МЕ	RIDIAN
LOCATIO	N AT SURFACE		89	FNL	1778 FEL	N	NWNE	25		9.0 S	1	5.0 E		S
Top of Up	permost Prod	ucing Zone	114	0 FNL	. 1394 FEL	N	IWNE 25		9.0 S	15	5.0 E		S	
At Total Depth 1390 FN					. 1033 FEL		SENE	25		9.0 S 1		5.0 E		S
21. COUNTY DUCHESNE 22. DISTANCE TO NEAREST LEASE LINE (Fee						eet)		23. NUMBER OF ACRE	S IN DR		IT			
					25. DISTANCE TO NEA Applied For Drilling	or Comp		POOL		26. PROPOSED DEPTI		TVD: 565	0	
27. ELEVA	TION - GROUN	D LEVEL		2	28. BOND NUMBER					29. SOURCE OF DRILL				
		6288				WYB0	000493			WATER RIGHTS APPR	437		PPLICAB	LE
	11.1.0	0		144 . 1	Hole, Casing					0		0	3 (2.1.1	347 - 1 - 1 - 4
String	Hole Size	Casing Size 8.625	0 - 300	Weig	_		Max Mu			Cement Class G		Sacks 138	Yield 1.17	Weight 15.8
PROD	7.875	5.5	0 - 5733	15.			8.3		Pre	Premium Lite High Strength		258	3.26	11.0
									50/50 Poz			363	1.24	14.3
		1			A	TTACH	IMENTS							
	VER	IFY THE FOLLOW	VING ARE AT	ТАСН	HED IN ACCORDAN	ICE WIT	TH THE UT	AH OIL AN	D GAS	CONSERVATION G	ENERA	L RULES		
W E	ELL PLAT OR MA	AP PREPARED BY L	ICENSED SURV	EYOR	OR ENGINEER		COMPLETE DRILLING PLAN							
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)							FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
✓ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						торо	OGRAPHICAL	L MAP						
NAME He	ather Calder				TITLE Production Ted	chnician				PHONE 435 646-493	6			
SIGNATUI	RE				DATE 06/06/2013					EMAIL hcalder@newfi	eld.com			
	BER ASSIGNED	0000			APPROVAL				Per	Manager				
1	· · · · · · · · · · · · · · · · · · ·													

NEWFIELD PRODUCTION COMPANY GMBU I-25-9-15 AT SURFACE: NW/NE SECTION 25, T9S R15E DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:</u>

Uinta 0' – 1490' Green River 1490' Wasatch 6080'

Proposed TD 5,733'(MD) 5,650' (TVD)

3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:</u>

Green River Formation (Oil) 1490' – 6080'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval Date Sampled Flow Rate Temperature

Hardness pH

Water Classification (State of Utah)

Dissolved Calcium (Ca) (mg/l)

Dissolved Iron (Fe) (ug/l)

Dissolved Sodium (Na) (mg/l)

Dissolved Carbonate (CO₃) (mg/l)

Dissolved Bicarbonate (NaHCO₃) (mg/l)

Dissolved Sulfate (SO₄) (mg/l)

Dissolved Total Solids (TDS) (mg/l)

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4. PROPOSED CASING PROGRAM

a. Casing Design: GMBU I-25-9-15

Size	li	nterval	Weight	Grade	Coupling	Design Factors			
Size	Тор	Bottom		Grade	Coupling	Burst	Collapse	Tension	
Surface casing	0'	300'	24.0	J-55	STC	2,950	1,370	244,000	
8-5/8"	U	300				17.53	14.35	33.89	
Prod casing	0.	0' 5,733'	15.5	J-55	LTC	4,810	4,040	217,000	
5-1/2"	U					2.64	2.21	2.44	

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: GMBU I-25-9-15

Job	Fill	Description	Sacks ft ³	OH Excess*	Weight (ppg)	Yield (ft³/sk)	
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17	
Prod casing	0.7001	Prem Lite II w/ 10% gel + 3%	258	000/	11.0		
Lead	3,733'	KCI	841	30%		3.26	
Prod casing	2,000'	50/50 Poz w/ 2% gel + 3%	363	30%	14.3	1.24	
Tail	2,000	KCI	451	30 //	14.3	1.24	

^{*}Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL</u>:

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

From surface to ±300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. <u>TESTING, LOGGING AND CORING PROGRAMS</u>:

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

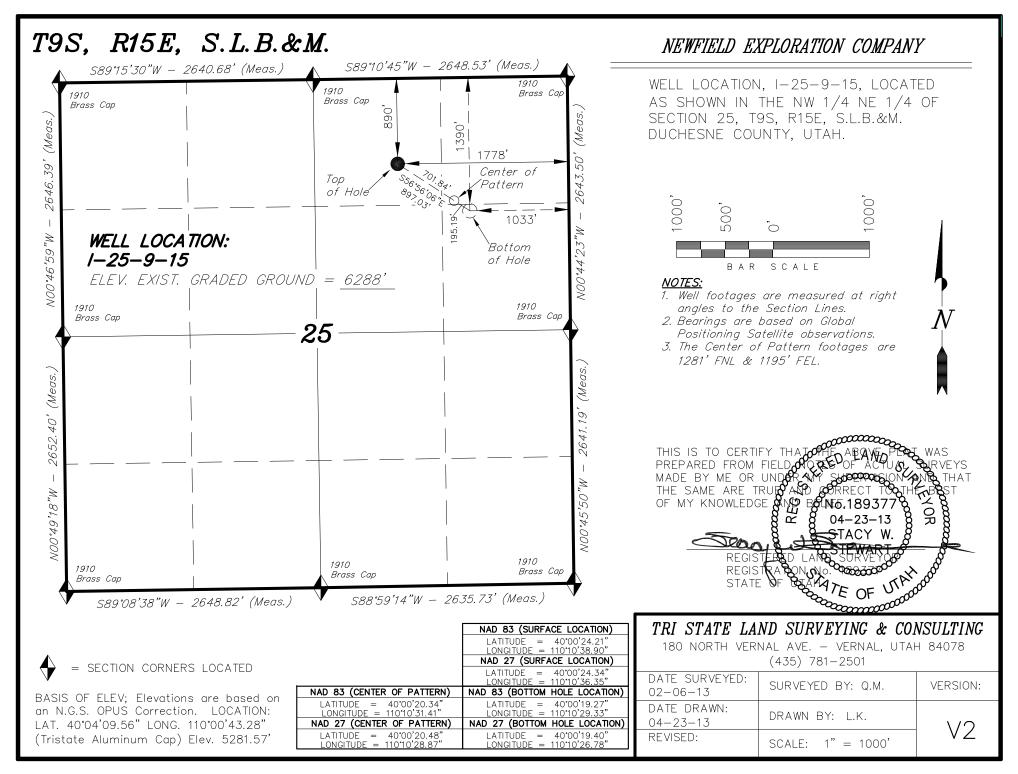
No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

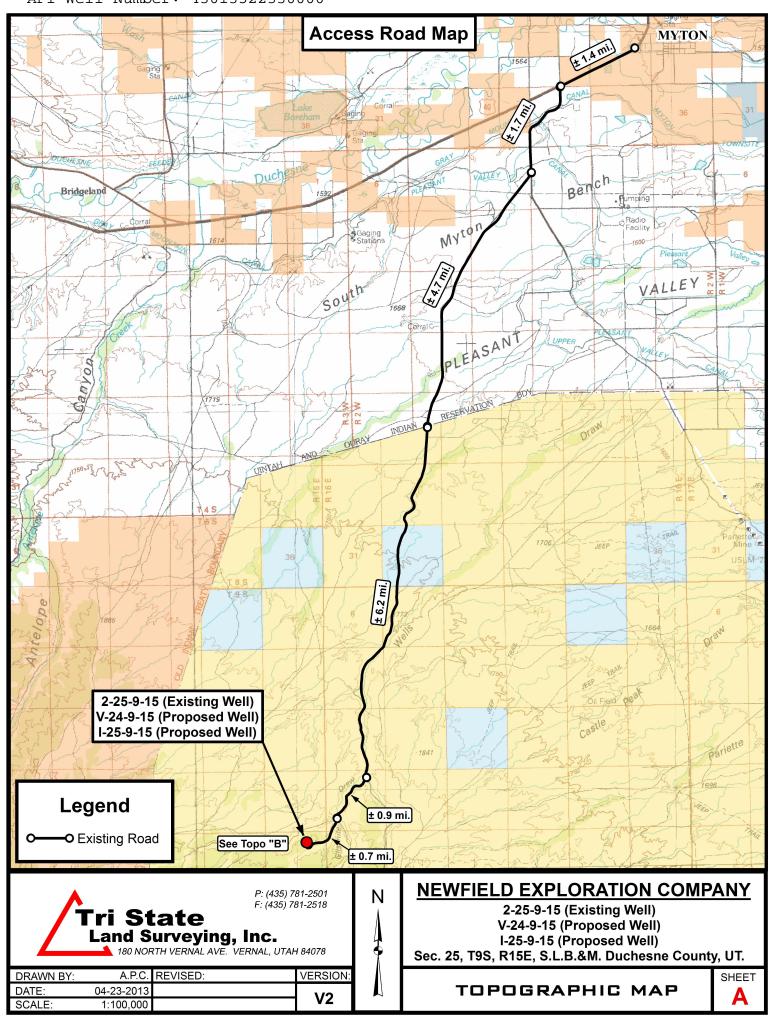
bottomhole pressure will approximately equal total depth in feet multiplied by a $0.433~\mathrm{psi/foot}$ gradient.

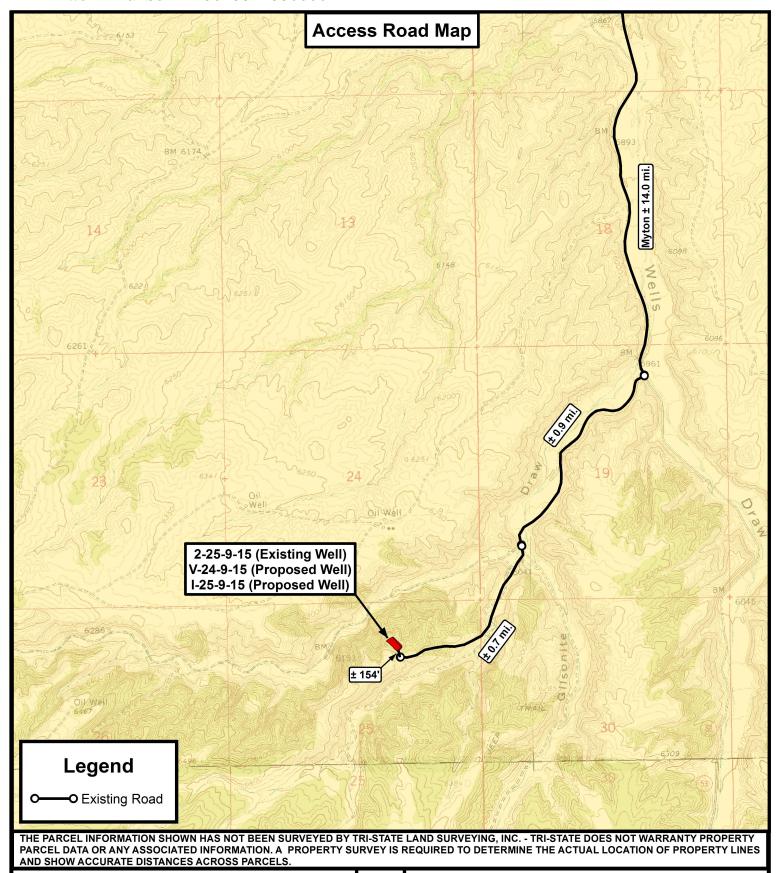
10. <u>ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:</u>

It is anticipated that the drilling operations will commence the fourth quarter of 2013, and take approximately seven (7) days from spud to rig release.

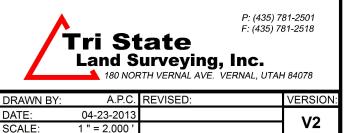
RECEIVED: June 06, 2013







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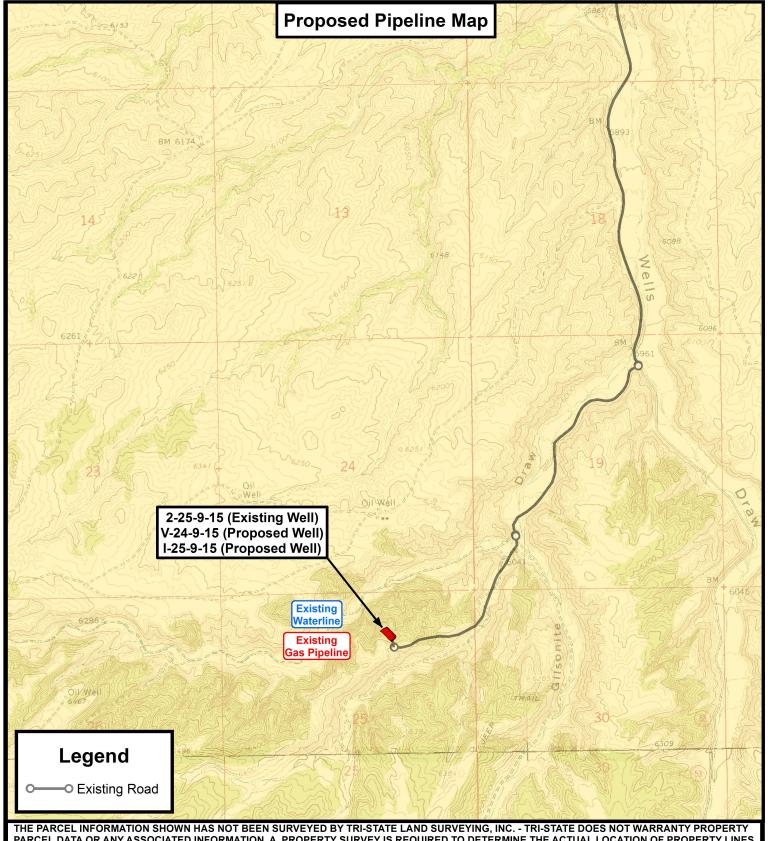


NEWFIELD EXPLORATION COMPANY

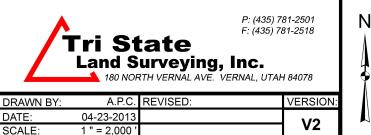
2-25-9-15 (Existing Well) V-24-9-15 (Proposed Well) I-25-9-15 (Proposed Well) Sec. 25, T9S, R15E, S.L.B.&M. Duchesne County, UT.

TOPOGRAPHIC MAP





THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



NEWFIELD EXPLORATION COMPANY

2-25-9-15 (Existing Well) V-24-9-15 (Proposed Well) I-25-9-15 (Proposed Well) Sec. 25, T9S, R15E, S.L.B.&M. Duchesne County, UT.

TOPOGRAPHIC MAP



DRAWN BY:

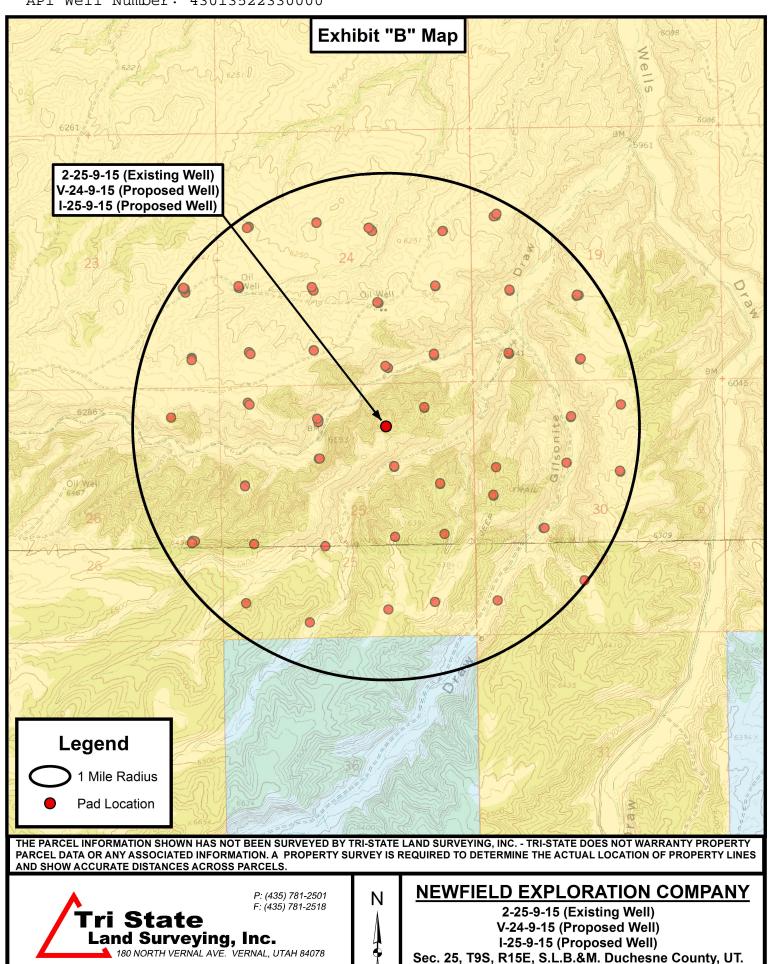
DATE:

SCALE

A.P.C. REVISED:

04-23-2013

1 " = 2,000



VERSION

V2

TOPOGRAPHIC MAP

SHEET

Well Number 2-25-9-15 V-24-9-15 I-25-9-15	Surface Hole Surface Hole Surface Hole Center of Pattern	Latitude (NAD 83) (DMS) 40° 00' 24.21" N 40° 00' 24.21" N	Longitude (NAD 83) (DMS) 110° 10' 39.44" W
V-24-9-15 I-25-9-15	Surface Hole Surface Hole	40° 00' 24.21" N	
I-25-9-15	Surface Hole		4400 401 00 4="111"
		400 001 04 04 11 11	110° 10' 39.17" W
	Center of Pattern	40° 00' 24.21" N	110° 10' 38.90" W
V-24-9-15		40° 00' 31.12" N	110° 10' 34.71" W
I-25-9-15	Center of Pattern	40° 00' 20.34" N	110° 10' 31.41" W
V-24-9-15	Bottom of Hole	40° 00' 33.21" N	110° 10' 33.37" W
I-25-9-15	Bottom of Hole	40° 00' 19.27" N	110° 10' 29.33" W
Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
2-25-9-15	Surface Hole	40.006725	110.177623
V-24-9-15	Surface Hole	40.006725	110.177547
I-25-9-15	Surface Hole	40.006725	110.177471
V-24-9-15	Center of Pattern	40.008645	110.176310
I-25-9-15	Center of Pattern	40.005651	110.175393
V-24-9-15	Bottom of Hole	40.009226	110.175935
I-25-9-15	Bottom of Hole	40.005352	110.174815
Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Mete
2-25-9-15	Surface Hole	4428827.496	570191.418
V-24-9-15	Surface Hole	4428827.558	570197.879
I-25-9-15	Surface Hole	4428827.619	570204.341
V-24-9-15	Center of Pattern	4429041.621	570301.523
I-25-9-15	Center of Pattern	4428709.982	570382.860
V-24-9-15	Bottom of Hole	4429106.392	570332.883
I-25-9-15	Bottom of Hole	4428677.265	570432.509
Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
2-25-9-15	Surface Hole	40° 00' 24.34" N	110° 10' 36.89" W
V-24-9-15	Surface Hole	40° 00' 24.34" N	110° 10' 36.62" W
I-25-9-15	Surface Hole	40° 00' 24.34" N	110° 10' 36.35" W
V-24-9-15	Center of Pattern	40° 00' 31.26" N	110° 10' 32.17" W
I-25-9-15	Center of Pattern	40° 00' 20.48" N	110° 10' 28.87" W
V-24-9-15	Bottom of Hole	40° 00' 33.35" N	110° 10' 30.82" W
I-25-9-15	Bottom of Hole	40° 00' 19.40" N	110° 10' 26.78" W



NEWFIELD EXPLORATION COMPANY P: (435) 781-2501 F: (435) 781-2518

2-25-9-15 (Existing Well) V-24-9-15 (Proposed Well) I-25-9-15 (Proposed Well)

Sec. 25, T9S, R15E, S.L.B.&M. Duchesne County, UT.

A.P.C. REVISED: DRAWN BY: DATE: 04-23-2013 VERSION:

COORDINATE REPORT

SHEET

VERSION:

	Coordina	te Report	
Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
2-25-9-15	Surface Hole	40.006762	110.176915
V-24-9-15	Surface Hole	40.006762	110.176839
I-25-9-15	Surface Hole	40.006762	110.176764
V-24-9-15	Center of Pattern	40.008682	110.175602
I-25-9-15	Center of Pattern	40.005688	110.174685
V-24-9-15	Bottom of Hole	40.009263	110.175227
I-25-9-15	Bottom of Hole	40.005389	110.174107
Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Meter
2-25-9-15	Surface Hole	4428622.152	570253.634
V-24-9-15	Surface Hole	4428622.213	570260.096
I-25-9-15	Surface Hole	4428622.274	570266.558
V-24-9-15	Center of Pattern	4428836.277	570363.739
I-25-9-15	Center of Pattern	4428504.637	570445.080
V-24-9-15	Bottom of Hole	4428901.048	570395.100
I-25-9-15	Bottom of Hole	4428471.921	570494.729
180 NORT	urveying, Inc. TH VERNAL AVE. VERNAL, UTAH 84078 P.C. REVISED:	NEWFIELD EXPLOR 2-25-9-15 (Exp. 1-24-9-15 (Property of the section of the sectio	xisting Well) oposed Well) oposed Well) &M. Duchesne County, U

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NEWFIELD EXPLORATION

USGS Myton SW (UT) SECTION 25 T9S, R15E I-25-9-15

Wellbore #1

Plan: Design #1

Standard Planning Report

22 April, 2013





Payzone Directional

Planning Report



Database:EDM 2003.21 Single User DbCompany:NEWFIELD EXPLORATIONProject:USGS Myton SW (UT)Site:SECTION 25 T9S, R15E

 Well:
 I-25-9-15

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well I-25-9-15

I-25-9-15 @ 6298.0ft (Original Well Elev) I-25-9-15 @ 6298.0ft (Original Well Elev)

True

Minimum Curvature

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System: US State Plane 1983

Geo Datum: North American Datum 1983

Map Zone: Utah Central Zone

System Datum: Mean Sea Level

Site SECTION 25 T9S, R15E 7,174,389.29 ft Northing: 40° 0' 29.350 N Latitude: Site Position: Lat/Long Easting: 2,007,947.92 ft 110° 11' 16.160 W From: Longitude: **Position Uncertainty:** 0.0 ft Slot Radius: Grid Convergence: 0.84

I-25-9-15, SHL LAT: 40 00 24.21 LONG: -110 10 38.90 Well **Well Position** +N/-S -520.2 ft Northing: 7,173,911.96 ft Latitude: 40° 0' 24.210 N +E/-W 2,899.1 ft 2,010,854.36 ft 110° 10' 38.900 W Easting: Longitude: **Ground Level: Position Uncertainty** 0.0 ft Wellhead Elevation: 6,298.0 ft 6,288.0 ft

Wellbore #1 Wellbore Magnetics **Model Name** Sample Date Declination Dip Angle Field Strength (°) (°) (nT) 65.70 52,044 IGRF2010 4/22/2013 11.12

Design Design #1 Audit Notes: PROTOTYPE Version: Phase: Tie On Depth: 0.0 **Vertical Section:** Depth From (TVD) +N/-S +E/-W Direction (ft) (ft) (ft) (°) 0.0 0.0 0.0 123.07

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,322.2	10.83	123.07	1,317.9	-37.1	57.0	1.50	1.50	17.04	123.07	
4,694.4	10.83	123.07	4,630.0	-383.0	588.1	0.00	0.00	0.00	0.00	I-25-9-15 TGT
5,732.9	10.83	123.07	5,650.0	-489.5	751.7	0.00	0.00	0.00	0.00	

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Payzone Directional

Planning Report



Database: EDM 2003.21 Single User Db Company: NEWFIELD EXPLORATION Project: USGS Myton SW (UT) Site: SECTION 25 T9S, R15E

 Well:
 I-25-9-15

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well I-25-9-15

I-25-9-15 @ 6298.0ft (Original Well Elev) I-25-9-15 @ 6298.0ft (Original Well Elev)

True

Minimum Curvature

esign:	Design #1								
lanned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	123.07	700.0	-0.7	1.1	1.3	1.50	1.50	0.00
800.0	3.00	123.07	799.9	-2.9	4.4	5.2	1.50	1.50	0.00
900.0	4.50	123.07	899.7	-6.4	9.9	11.8	1.50	1.50	0.00
1,000.0	6.00	123.07	999.3	-11.4	17.5	20.9	1.50	1.50	0.00
1,100.0	7.50	123.07	1,098.6	-17.8	27.4	32.7	1.50	1.50	0.00
1,200.0	9.00	123.07	1,197.5	-25.7	39.4	47.0	1.50	1.50	0.00
1,300.0	10.50	123.07	1,296.1	-34.9	53.6	64.0	1.50	1.50	0.00
1,322.2	10.83	123.07	1,317.9	-37.1	57.0	68.1	1.50	1.50	0.00
1,400.0	10.83	123.07	1,394.3	-45.1	69.3	82.7	0.00	0.00	0.00
1,500.0	10.83	123.07	1,492.5	-55.4	85.0	101.5	0.00	0.00	0.00
		123.07	1,590.8	-65.6		120.3	0.00	0.00	
1,600.0	10.83				100.8				0.00
1,700.0	10.83	123.07	1,689.0	-75.9	116.5	139.1	0.00	0.00	0.00
1,800.0	10.83	123.07	1,787.2	-86.1	132.3	157.9	0.00	0.00	0.00
1,900.0	10.83	123.07	1,885.4	-96.4	148.0	176.7	0.00	0.00	0.00
2,000.0	10.83	123.07	1,983.6	-106.7	163.8	195.5	0.00	0.00	0.00
2,100.0	10.83	123.07	2,081.8	-116.9	179.5	214.3	0.00	0.00	0.00
2,200.0	10.83	123.07	2,180.1	-127.2	195.3	233.0	0.00	0.00	0.00
2,300.0	10.83	123.07	2,278.3	-137.4	211.0	251.8	0.00	0.00	0.00
2,400.0	10.83	123.07	2,376.5	-147.7	226.8	270.6	0.00	0.00	0.00
2,500.0	10.83	123.07	2,474.7	-157.9	242.5	289.4	0.00	0.00	0.00
		123.07	2,572.9	-168.2					
2,600.0	10.83		,		258.3	308.2	0.00	0.00	0.00
2,700.0	10.83	123.07	2,671.2	-178.4	274.0	327.0	0.00	0.00	0.00
2,800.0	10.83	123.07	2,769.4	-188.7	289.8	345.8	0.00	0.00	0.00
2,900.0	10.83	123.07	2,867.6	-199.0	305.5	364.6	0.00	0.00	0.00
,	10.83	123.07	2,965.8	-209.2	321.3	383.4	0.00	0.00	0.00
3,000.0									
3,100.0	10.83	123.07	3,064.0	-219.5	337.0	402.2	0.00	0.00	0.00
3,200.0	10.83	123.07	3,162.2	-229.7	352.8	421.0	0.00	0.00	0.00
3,300.0	10.83	123.07	3,260.5	-240.0	368.5	439.8	0.00	0.00	0.00
3,400.0	10.83	123.07	3,358.7	-250.2	384.3	458.6	0.00	0.00	0.00
,			,		400.0		0.00	0.00	0.00
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3,800.0	10.83	123.07	3,751.6	-291.2	447.3	533.7	0.00	0.00	0.00
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4,000.0	10.83	123.07	3,948.0	-311.8	478.8	571.3	0.00	0.00	0.00
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4,200.0	10.83	123.07	4,144.4	-332.3	510.3	608.9	0.00	0.00	0.00
4,300.0	10.83	123.07	4,242.6	-342.5	526.0	627.7	0.00	0.00	0.00
4,400.0	10.83	123.07	4,340.9	-352.8	541.8	646.5	0.00	0.00	0.00
4,500.0	10.83	123.07	4,439.1	-363.0	557.5	665.3	0.00	0.00	0.00
4,600.0	10.83	123.07	4,537.3	-373.3	573.3	684.1	0.00	0.00	0.00
4,694.4	10.83	123.07	4,630.0	-383.0	588.1	701.8	0.00	0.00	0.00
4,700.0	10.83	123.07	4,635.5	-383.5	589.0	702.9	0.00	0.00	0.00
								0.00	0.00
4,800.0	10.83	123.07	4,733.7	-393.8	604.8	721.7	0.00	0.00	0.00
4,900.0	10.83	123.07	4,832.0	-404.1	620.5	740.5	0.00	0.00	0.00
5,000.0	10.83	123.07	4,930.2	-414.3	636.3	759.3	0.00	0.00	0.00
5,100.0	10.83	123.07	5,028.4	-424.6	652.0	778.1	0.00	0.00	0.00



Payzone Directional

Planning Report



Database: EDM 2003.21 Single User Db Company: NEWFIELD EXPLORATION Project: USGS Myton SW (UT) Site: SECTION 25 T9S, R15E

 Well:
 I-25-9-15

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well I-25-9-15

I-25-9-15 @ 6298.0ft (Original Well Elev) I-25-9-15 @ 6298.0ft (Original Well Elev)

True

Minimum Curvature

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,200.0	10.83	123.07	5,126.6	-434.8	667.8	796.9	0.00	0.00	0.00
5,300.0	10.83	123.07	5,224.8	-445.1	683.5	815.7	0.00	0.00	0.00
5,400.0	10.83	123.07	5,323.0	-455.3	699.3	834.5	0.00	0.00	0.00
5,500.0	10.83	123.07	5,421.3	-465.6	715.0	853.2	0.00	0.00	0.00
5,600.0	10.83	123.07	5,519.5	-475.8	730.8	872.0	0.00	0.00	0.00
5,700.0	10.83	123.07	5,617.7	-486.1	746.5	890.8	0.00	0.00	0.00
5,732.9	10.83	123.07	5,650.0	-489.5	751.7	897.0	0.00	0.00	0.00

RECEIVED: June 06, 2013



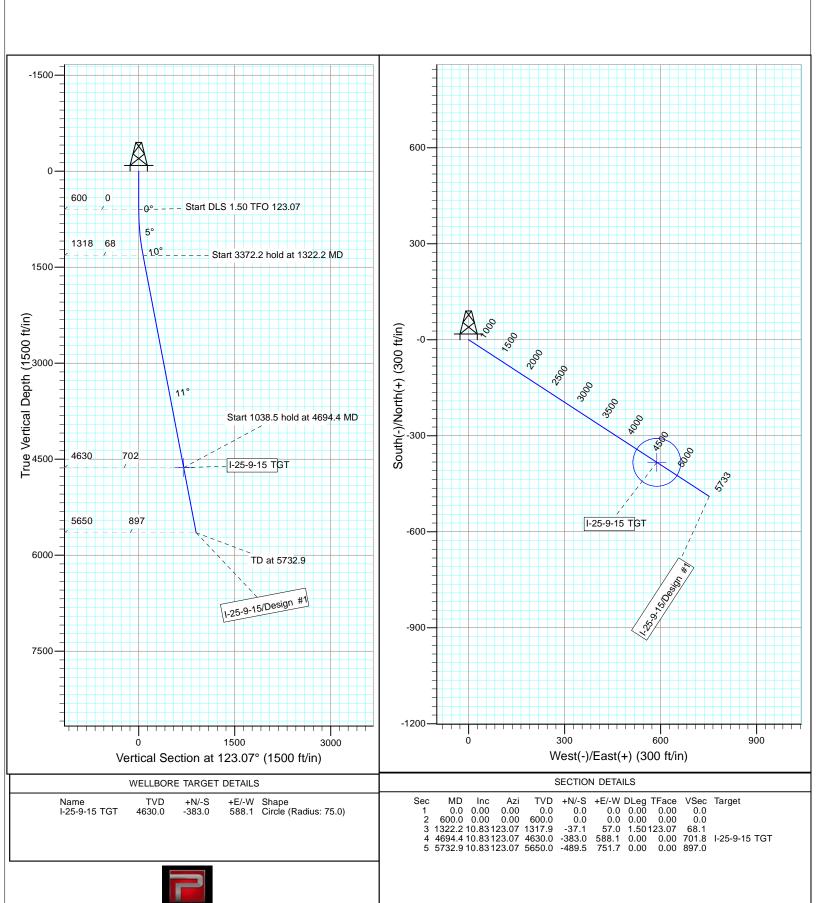
Site: SECTION 25 T9S, R15E

Well: I-25-9-15 Wellbore: Wellbore #1 Desian: Desian #1



Azimuths to True North Magnetic North: 11.12°

Magnetic Field Strength: 52044.4snT Dip Angle: 65.70° Date: 4/22/2013 Model: IGRF2010



NEWFIELD PRODUCTION COMPANY GMBU I-25-9-15 AT SURFACE: NW/NE SECTION 25, T9S R15E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU I-25-9-15 located in the NW 1/4 NE 1/4 Section 25, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed in a southwesterly direction - 14.2 miles \pm to it's junction with the beginning of the access road to the existing 2-25-9-15 well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 2-25-9-15 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. <u>LOCATION OF EXISTING WELLS</u>

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. <u>LOCATION AND TYPE OF WATER SUPPLY</u>

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District Water Right: 43-7478

Maurice Harvey Pond Water Right: 47-1358

Neil Moon Pond

Water Right: 43-11787

Newfield Collector Well

Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy

District).

There will be no water well drilled at this site.

6. <u>SOURCE OF CONSTRUCTION MATERIALS</u>

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

Fencing Requirements

- All pits will be fenced or have panels installed consistent with the following minimum standards:
 - 1. The wire shall be no more than two (2) inches above the ground. If barbed wire is utilized it will be installed three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
 - Corner posts shall be centered and/or braced in such a manner to keep tight and upright at all times
 - 3. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. PLANS FOR RESTORATION OF SURFACE:

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. <u>SURFACE OWNERSHIP</u> – Bureau of Land Management.

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report # 13-063 4/22/13, prepared by Montgomery Archaeological Consultants. . Paleontological Resource Survey prepared by, SWCA Environmental Consultants, Report No. UT13-14273-66, May 2013. See attached report cover pages, Exhibit "D".

Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU I-25-9-15, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU I-25-9-15, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. <u>LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:</u>

Representative

Name: Corie Miller

Address: Newfield Production Company

Route 3, Box 3630 Myton, UT 84052

Telephone: (435) 646-3721

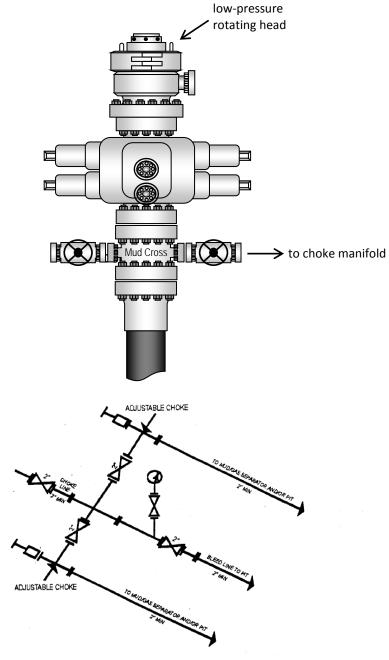
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #I-25-9-15, Section 25, Township 9S, Range 15E: Lease UTU-66185 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

5/30/13	
Date	Heather Calder
	Production Technician
	Newfield Production Company

Typical 2M BOP stack configuration



2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

2-25-9-15 (Existing Well)

V-24-9-15 (Proposed Well)

Edge of

Existing Anchor (Typ.)

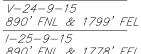
Existing Pad

Pump

I-25-9-15 (Proposed Well)

Pad Location: NWNE Section 25, T9S, R15E, S.L.B.&M.

TOP HOLE FOOTAGES



890' FNL & 1778' FEL

CENTER OF PATTERN FOOTAGES

V - 24 - 9 - 15190' FNL & 1454' FEL 1-25-9-15 1281' FNL & 1195' FEL

BOTTOM HOLE FOOTAGES

V-24-9-15 22' FSL & 1349' FEL *I*-25-9-15 1390' FNL & 1033' FEL

RELATIVE COORDINATES From Top Hole to C.O.P.

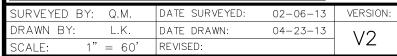
WELL	NORTH	EAST
V-24-9-15	705'	336'
I-25-9-15	-383'	588'

RELATIVE COORDINATES From Top Hole to Bottom Hole

WELL	NORTH	EAST
V-24-9-15	918'	438'
I-25-9-15	-489'	752'

LATITUDE & LONGITUDE Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE			
V-24-9-15	40° 00' 33.21"	110° 10' 33.37"			
1-25-9-15	40° 00' 19.27"	110° 10' 29.33"			



<u>Note:</u>

Bearings are based on GPS Observations.

The Alexandra Androsen

PROPOSED)

John Caroling (Holling)

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

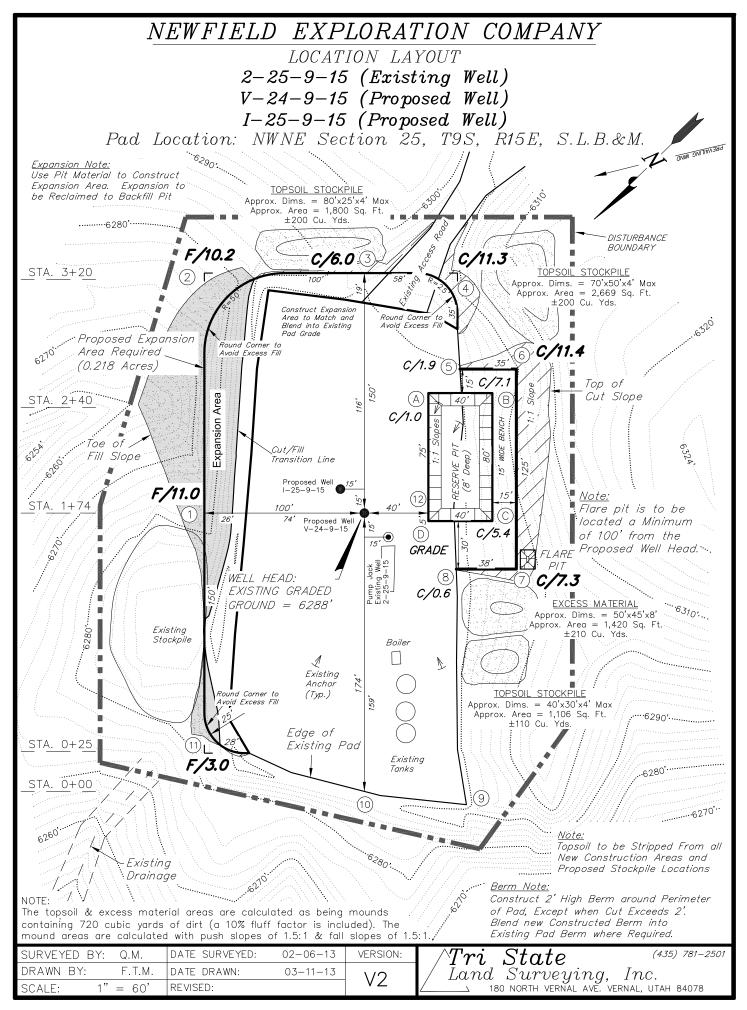
Pottom of Hole)

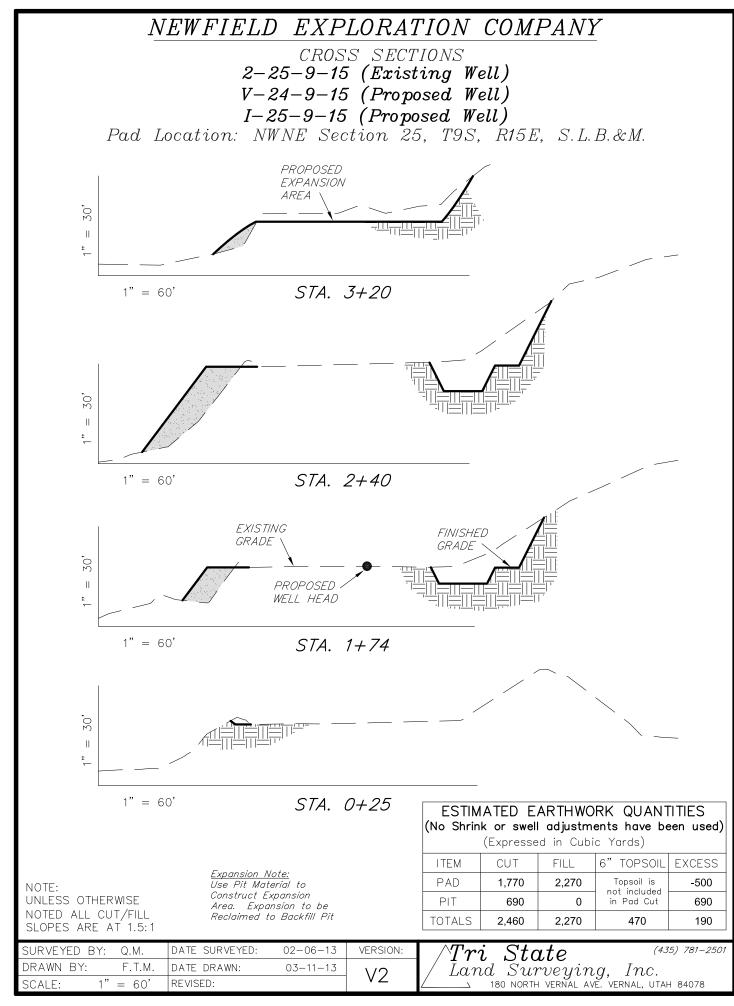
WELL	LATITUDE	LONGITUDE	
2-25-9-15	40° 00' 24.21"	110° 10' 39.44"	
V-24-9-15	40° 00' 24.21"	110° 10' 39.17"	
I-25-9-15	40° 00' 24.21"	110° 10' 38.90"	

LATITUDE & LONGITUDE Center of Pattern (NAD 83)

WELL	LATITUDE	LONGITUDE	
V-24-9-15	40° 00' 31.12"	110° 10′ 34.71″	
I-25-9-15	40° 00' 20.34"	110° 10' 31.41"	

 $Tri~State \ Land~Surveying,~Inc. \ ____ 180~north~vernal~ave.~vernal,~utah~84078$





NEWFIELD EXPLORATION COMPANY TYPICAL RIG LAYOUT 2-25-9-15 (Existing Well) V-24-9-15 (Proposed Well) I-25-9-15 (Proposed Well) Pad Location: NWNE Section 25, T9S, R15E, S.L.B.&M. STORAGE TANK YELLOW DOG 150, BOILER 15, PUMP PUMP MUD ЭОМ HOUSE MUD FUEL Existing Well 2-25-9-15 PIPE RACKS 38' __ TOILET TRAILERS PIPE RACKS State (435) 781-. d Surveying, Inc. 180 north vernal ave. vernal, utah 84078 SURVEYED BY: Q.M. DATE SURVEYED: 02-06-13 VERSION: TriDRAWN BY: F.T.M. DATE DRAWN: 03-11-13 Land V2 SCALE: 1" = 60'REVISED:

NEWFIELD EXPLORATION COMPANY RECLAMATION LAYOUT 2-25-9-15 (Existing Well) V-24-9-15 (Proposed Well) I-25-9-15 (Proposed Well) Pad Location: NWNE Section 25, T9S, R15E, S.L.B.&M. Proposed Unreclaimed Area 1-25-9-15 ● V-24-9-15 ● DISTURBANCE 2-25-9-15 BOUNDARY DISTURBED AREA: 1. Reclaimed Area to Include Seeding of Approved Vegetation TOTAL DISTURBED AREA = ± 2.36 ACRES and Sufficient Storm Water Management System. TOTAL RECLAIMED AREA = ± 1.75 ACRES 2. Actual Equipment Layout and Reclaimed Pad Surface Area May Change due to Production Requirements or Site Conditions. UNRECLAIMED AREA $= \pm 0.61$ ACRES Tri~State (4.35) 781-. Land~Surveying,~Inc. $_$ 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 SURVEYED BY: DATE SURVEYED: 02-06-13 (435) 781-2501 Q.M. VERSION: 03-11-13 DRAWN BY: F.T.M. DATE DRAWN: SCALE: REVISED: 1" = 60'

NEWFIELD EXPLORATION COMPANY

PROPOSED SITE FACILITY DIAGRAM

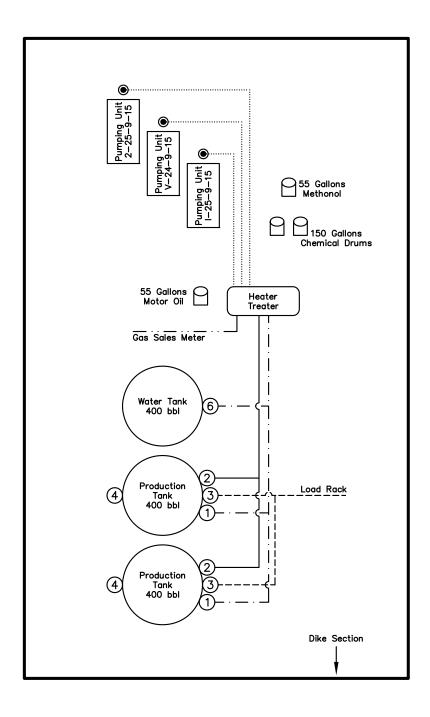
2-25-9-15 UTU-66185

V-24-9-15 UTU-66185

I-25-9-15 UTU-66185

Pad Location: NWNE Section 25, T9S, R15E, S.L.B.&M.

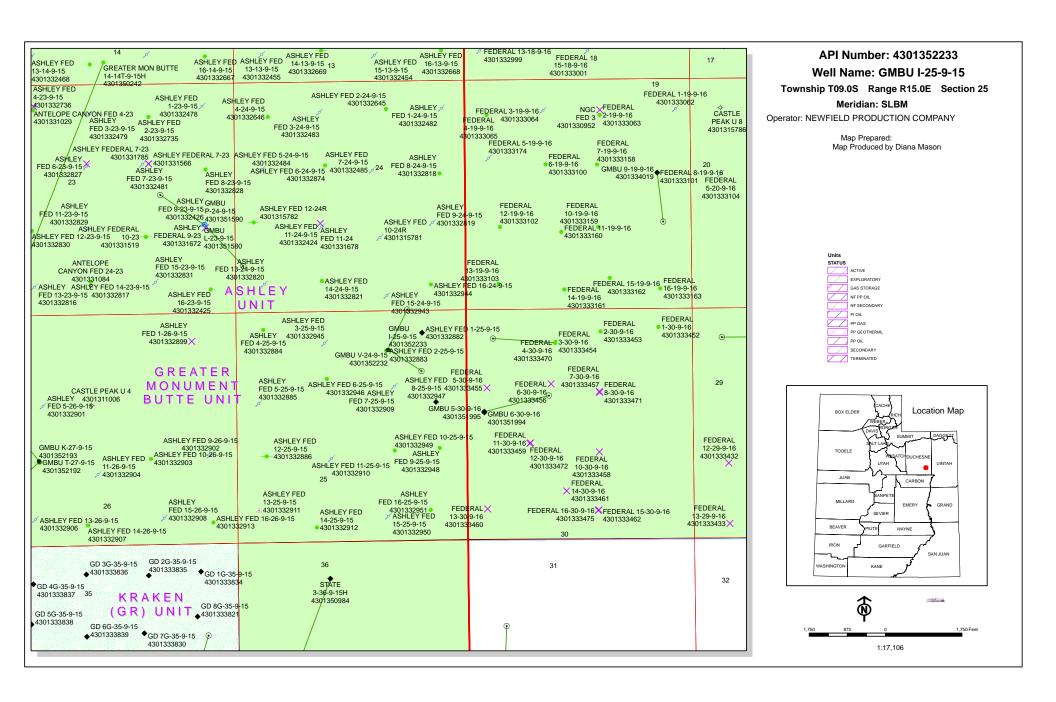
Duchesne County, Utah



Legend

NOT TO SCALE

SURVEYED BY:	Q.M.	DATE SURVEYED:	02-06-13	VERSION:	$\wedge Tri$ $State$ (435) 781-2501
DRAWN BY:	F.T.M.	DATE DRAWN:	03-11-13	1/2	/ Land Surveying, Inc.
SCALE:	NONE	REVISED:		٧Z	180 NORTH VERNAL AVE. VERNAL, UTAH 84078



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office 440 West 200 South, Suite 500 Salt Lake City, UT 84101

IN REPLY REFER TO: 3160 (UT - 922)

June 11, 2013

Memorandum

To: Assistant Field Office Manager Minerals,

Vernal Field Office

Michael Coulthard, Petroleum Engineer From:

Subject: 2013 Plan of Development Greater Monument

Butte Unit, Duchesne and Uintah Counties,

Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2013 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API # WELL NAME LOCATION

(Proposed PZ GREEN RIVER)

43-013-52232 GMBU V-24-9-15 Sec 25 T09S R15E 0890 FNL 1799 FEL BHL Sec 24 T09S R15E 0022 FSL 1349 FEL

43-013-52233 GMBU I-25-9-15 Sec 25 T09S R15E 0890 FNL 1778 FEL

BHL Sec 25 T09S R15E 1390 FNL 1033 FEL

43-013-52238 GMBU R-13-9-16 Sec 13 T09S R16E 1873 FSL 2093 FWL BHL Sec 13 T09S R16E 1209 FSL 2316 FEL

43-013-52239 GMBU N-13-9-16 Sec 13 T09S R16E 1895 FSL 2094 FWL BHL Sec 13 T09S R16E 2281 FNL 1112 FWL

43-013-52240 GMBU N-27-9-15 Sec 27 T09S R15E 1780 FSL 1844 FWL

BHL Sec 27 T09S R15E 2349 FNL 1148 FWL

43-013-52241 GMBU M-27-9-15 Sec 27 T09S R15E 1768 FSL 1862 FWL BHL Sec 27 T09S R15E 2355 FNL 2393 FEL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard

DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2013.06.11 10:02:19 -06:00'

bcc: File - Greater Monument Butte Unit

Division of Oil Gas and Mining

Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:6-11-13

RECEIVED: June 11, 2013

Site: SECTION 25 T9S, R15E

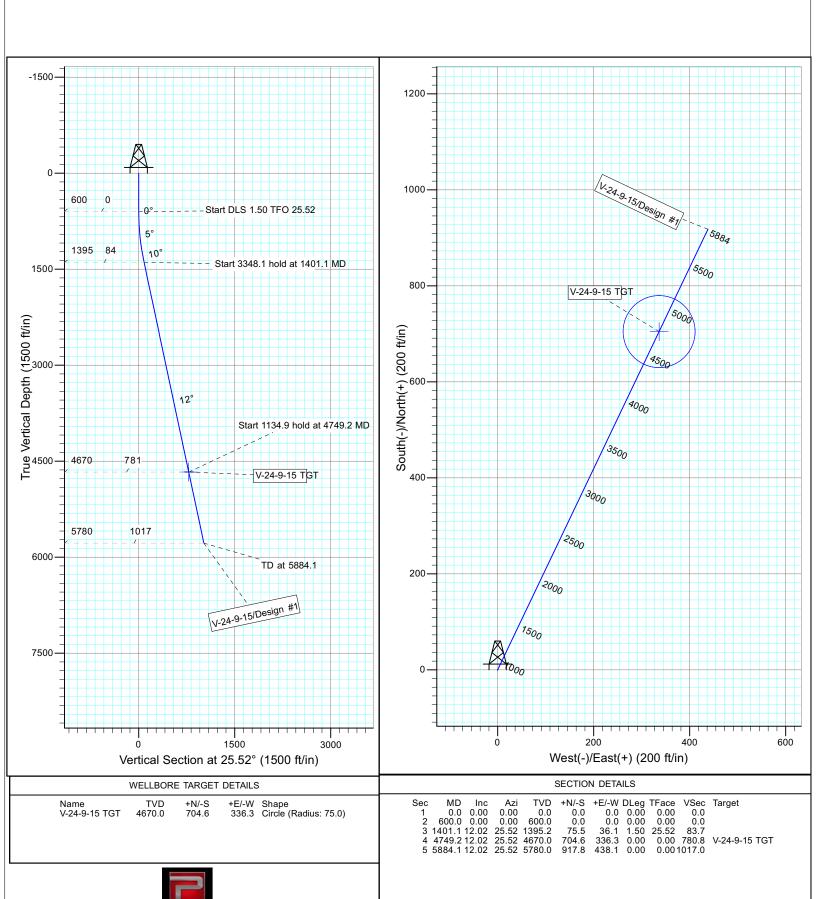
Well: V-24-9-15 Wellbore: Wellbore #1 Desian: Desian #1



Received: June 06, 2013

Azimuths to True North Magnetic North: 11.12°

Magnetic Field Strength: 52044.4snT Dip Angle: 65.70° Date: 4/22/2013 Model: IGRF2010





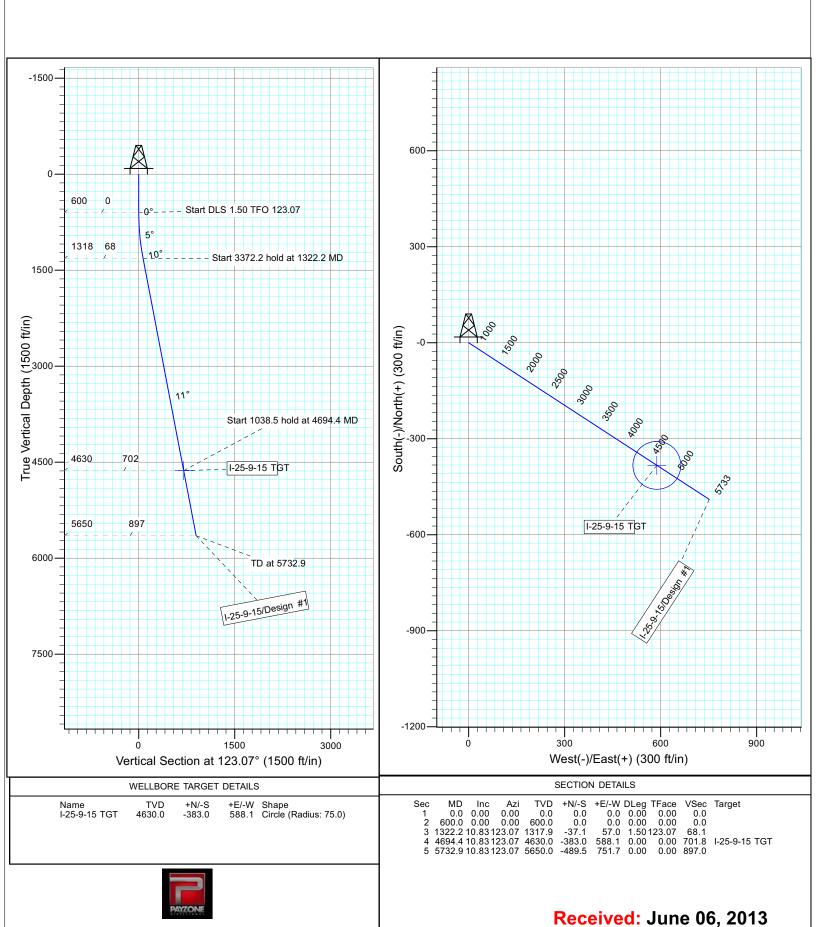
Site: SECTION 25 T9S, R15E

Well: I-25-9-15 Wellbore: Wellbore #1 Desian: Desian #1



Azimuths to True North Magnetic North: 11.12°

Magnetic Field Strength: 52044.4snT Dip Angle: 65.70° Date: 4/22/2013 Model: IGRF2010





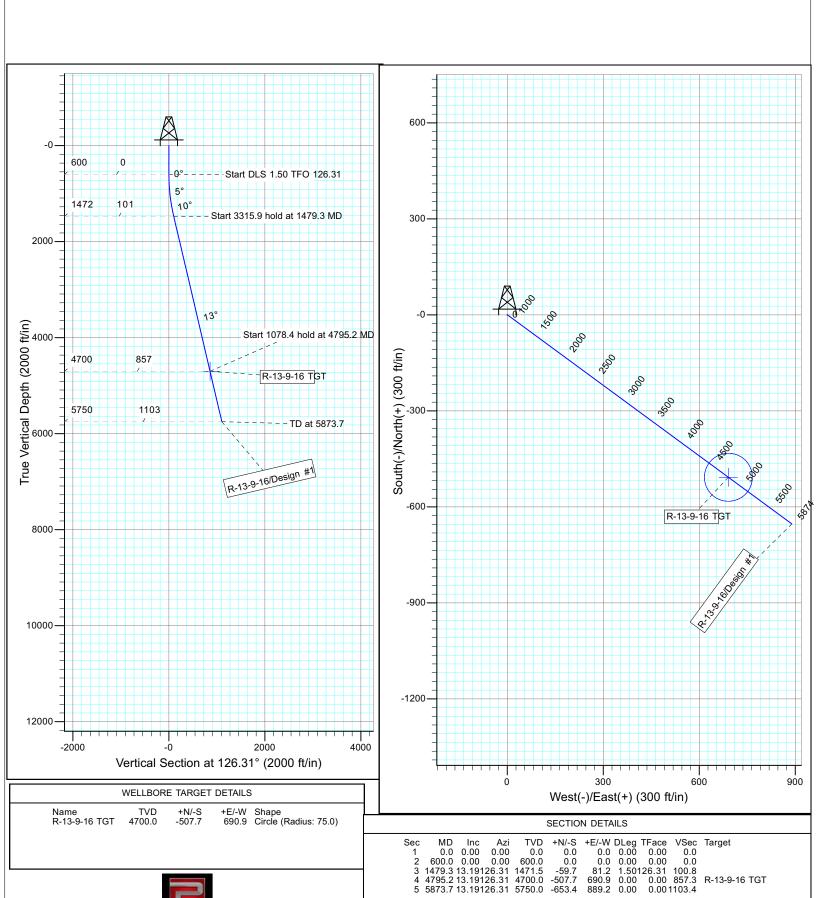
Site: SECTION 13 T9S, R16E

Well: R-13-9-16 Wellbore: Wellbore #1 Desian: Desian #1



Azimuths to True North Magnetic North: 11.13°

Magnetic Field Strength: 52120.0snT Dip Angle: 65.75° Date: 11/15/2012 Model: IGRF2010



3 1479.3 13.19126.31 1471.5 4 4795.2 13.19126.31 4700.0 5 5873.7 13.19126.31 5750.0

26.31 100.8 0.00 857.3 0.001103.4

Received: June 06, 2013

R-13-9-16 TGT

Site: SECTION 13 T9S, R16E

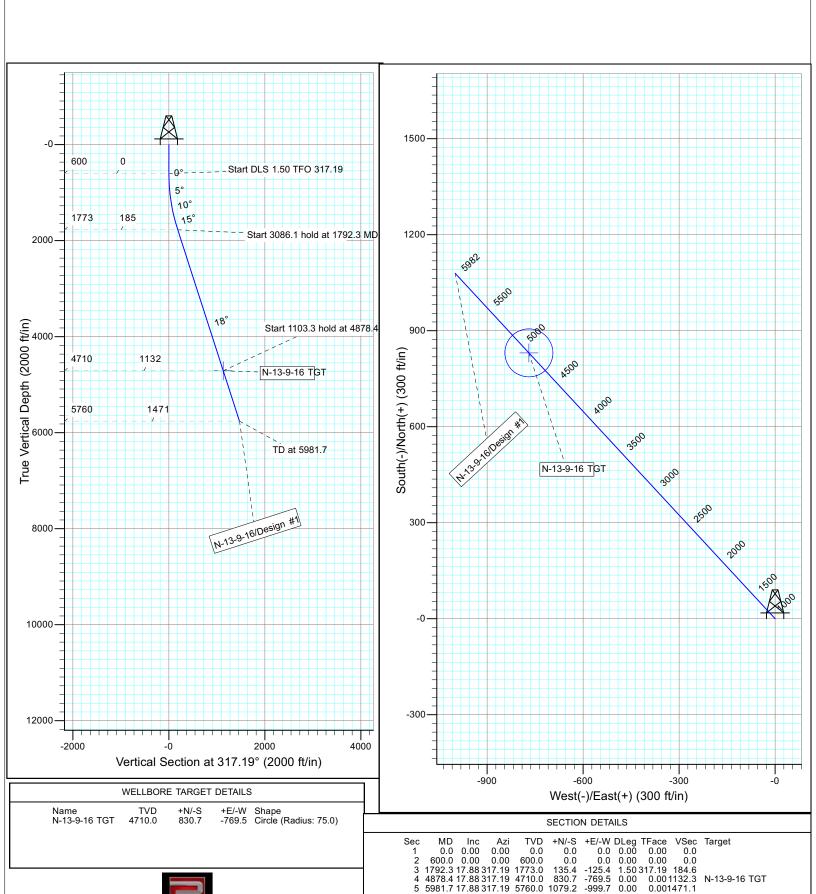
Well: N-13-9-16 Wellbore: Wellbore #1 Desian: Desian #1



Received: June 06, 2013

Azimuths to True North Magnetic North: 11.13°

Magnetic Field Strength: 52118.7snT Dip Angle: 65.74° Date: 11/20/2012 Model: IGRF2010





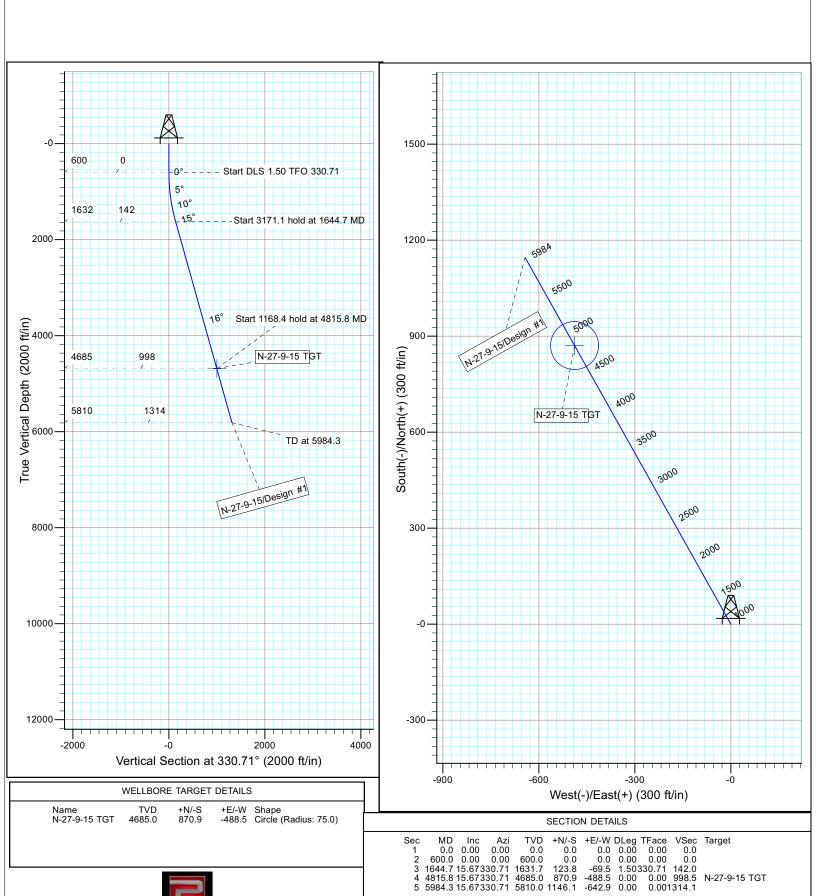
Site: SECTION 27 Well: N-27-9-15 Wellbore: Wellbore #1 Design: Design #1



Azimuths to True North Magnetic North: 11.18°

Magnetic Field Strength: 52069.5snT Dip Angle: 65.69° Date: 12/5/2012 Model: IGRF2010

N-27-9-15 TGT



3 1644.7 15.67330.71 1631.7 123.8 4 4815.8 15.67330.71 4685.0 870.9 5 5984.3 15.67330.71 5810.0 1146.1 Received: June 06, 2013 API Well Number: 43013522330000 Project: USGS Myton SW (UT)



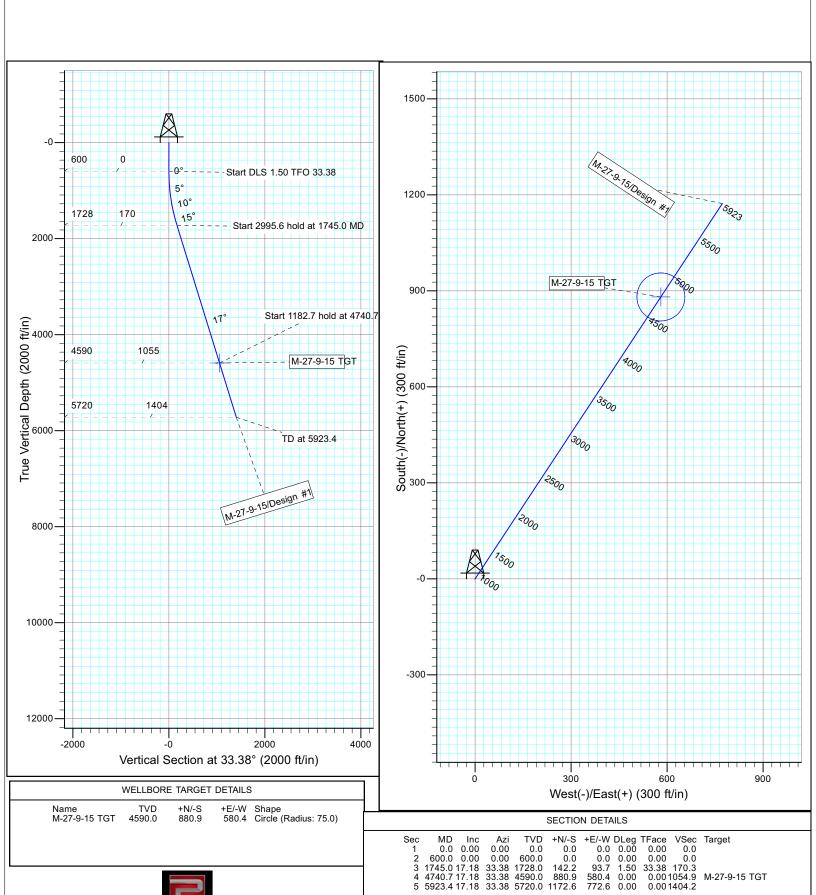
Site: SECTION 27 Well: M-27-9-15 Wellbore: Wellbore #1 Design: Design #1



Received: June 06, 2013

Azimuths to True North Magnetic North: 11.18°

Magnetic Field Strength: 52069.4snT Dip Angle: 65.69° Date: 12/5/2012 Model: IGRF2010



API Well Number: 43013522330000

NEWFIELD

VIA ELECTRONIC DELIVERY

June 11, 2013

Newfield Exploration Company

1001 17th Street | Suite 2000 Denver, Colorado 80202 PH 303-893-0102 | FAX 303-893-0103

State of Utah, Division of Oil, Gas and Mining ATTN: Diana Mason P.O. Box 145801 Salt Lake City, UT 84114-5801

RE: Directional Drilling
GMBU I-25-9-15

Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R15E Section 25: NWNE (UTU-66185)

890' FNL 1778' FEL

At Target: T9S-R15E Section 25: SENE (UTU-66185)

1390' FNL 1033' FEL

Duchesne County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 6/10/2013, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing preexiting roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4121 or by email at lburget@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,

Newfield Production Company

Asie Bugit

Leslie Burget Land Associate

Form 3160-3 (August 2007) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT		FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010		
		5. Lease Serial No. UTU66185		
APPLICATION FOR PERMIT 1	O DRILL OR RE	ENTER	6. If Indian, Allottee or Tribe	Name
1a. Type of Work: ☑ DRILL ☐ REENTER			7. If Unit or CA Agreement, I	Name and No.
1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Oth	er 🛭 Singl	e Zone	8. Lease Name and Well No. GMBU I-25-9-15	
2. Name of Operator Contact: NEWFIELD EXPLORATION E-Mail: hcalder@	HEATHER CALDEF Inewfield.com	₹	9. API Well No.	
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052	3b. Phone No. (includ Ph: 435-646-4936 Fx: 435-646-4936	3	10. Field and Pool, or Explor MONUMENT BUTTE	atory
4. Location of Well (Report location clearly and in accordance	nce with any State requir	rements.*)	11. Sec., T., R., M., or Blk. at	nd Survey or Area
At surface NWNE 890FNL 1778FEL			Sec 25 T9S R15E Me	r SLB
At proposed prod. zone SENE 1390FNL 1033FEL				
14. Distance in miles and direction from nearest town or post of 15.6 MILES SOUTH OF MYTON, UT	office*		12. County or Parish DUCHESNE	13. State UT
15. Distance from proposed location to nearest property or	16. No. of Acres in Le	ease	17. Spacing Unit dedicated to this well	
lease line, ft. (Also to nearest drig. unit line, if any)	2286.40		20.00	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth		20. BLM/BIA Bond No. on file	
968'	5733 MD 5650 TVD		WYB000493	
21. Elevations (Show whether DF, KB, RT, GL, etc. 6288 GL	Energetical Control and an arrangement of the control of the contr		23. Estimated duration 7 DAYS	
	24. Atta	achments		
The following, completed in accordance with the requirements o	f Onshore Oil and Gas O	order No. 1, shall be attached to t	his form:	
2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the 5. Operator certification		ons unless covered by an existing bond on file (see formation and/or plans as may be required by the		
25. Signature (Electronic Submission)	Name (Printed/Typed) HEATHER CALDER Ph: 435-646-4936			Date 06/10/2013
Title PRODUCTION TECHNICIAN				
Approved by (Signature)	Name (Printed/Typed)			Date
Title	Office			
Application approval does not warrant or certify the applicant hoperations thereon. Conditions of approval, if any, are attached.	olds legal or equitable titl	e to those rights in the subject le	ase which would entitle the app	licant to conduct
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, states any false, fictitious or fraudulent statements or representations.	make it a crime for any p tions as to any matter wit	erson knowingly and willfully to thin its jurisdiction.	make to any department or age	ency of the United

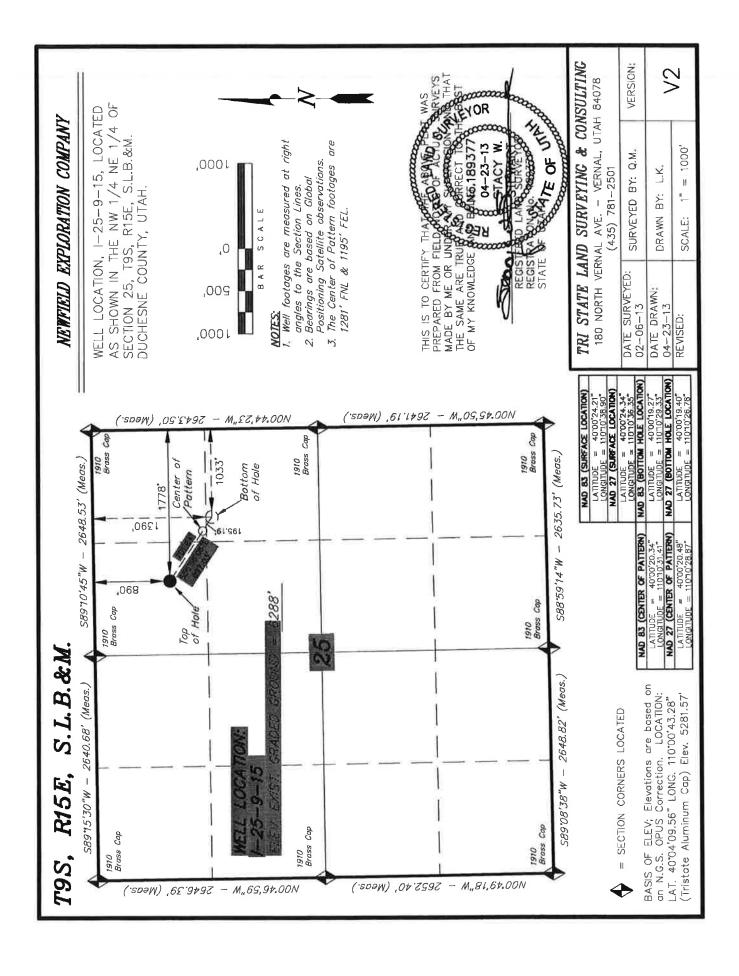
Additional Operator Remarks (see next page)

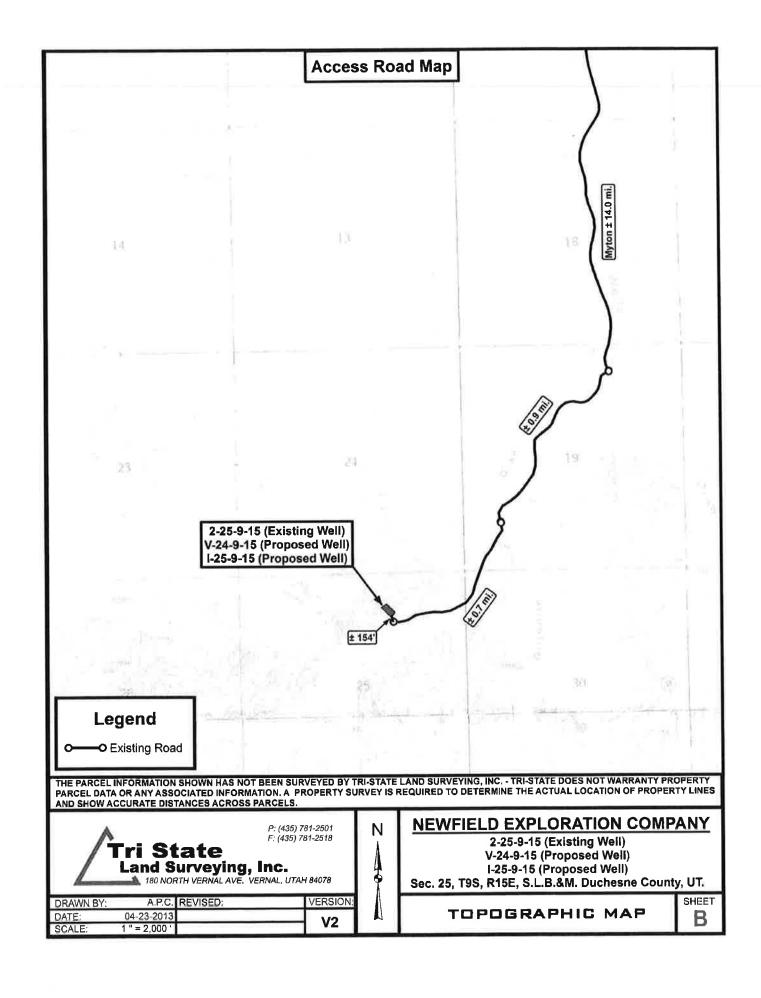
Electronic Submission #210170 verified by the BLM Well Information System For NEWFIELD EXPLORATION, sent to the Vernal

API Well Number: 43013522330000

Additional Operator Remarks:

SURFACE HOLE LEASE:UTU66185 BOTTOM HOLE LEASE:UTU66185





API Well Number: 43013522330000

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/6/2013 **API NO. ASSIGNED:** 43013522330000

WELL NAME: GMBU I-25-9-15

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) PHONE NUMBER: 435 646-4936

CONTACT: Heather Calder

PROPOSED LOCATION: NWNE 25 090S 150E Permit Tech Review:

SURFACE: 0890 FNL 1778 FEL Engineering Review:

BOTTOM: 1390 FNL 1033 FEL Geology Review:

✓

COUNTY: DUCHESNE

LATITUDE: 40.00677 LONGITUDE: -110.17748

UTM SURF EASTINGS: 570203.00 **NORTHINGS:** 4428832.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-66185 PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 1 - Federal COALBED METHANE: NO

RECEIVED AND/OR REVIEWED: LOCATION AND SITING: ✓ PLAT R649-2-3. Unit: GMBU (GRRV) Bond: FEDERAL - WYB000493 **Potash** R649-3-2. General Oil Shale 190-5 Oil Shale 190-3 R649-3-3. Exception Oil Shale 190-13 **Drilling Unit** Board Cause No: Cause 213-11 Water Permit: 437478 Effective Date: 11/30/2009 **RDCC Review:** Siting: Suspends General Siting Fee Surface Agreement

Intent to Commingle

✓ R649-3-11. Directional Drill

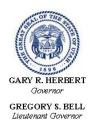
Commingling Approved

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason

15 - Directional - dmason

27 - Other - bhill



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: GMBU I-25-9-15 **API Well Number:** 43013522330000

Lease Number: UTU-66185 Surface Owner: FEDERAL Approval Date: 6/12/2013

Issued to:

NEWFIELD PRODUCTION COMPANY, Rt 3 Box 3630, Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available) OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at http://oilgas.ogm.utah.gov

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
 - Requests to Change Plans (Form 9) due prior to implementation
 - Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
 - Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas Sundry Number: 51079 API Well Number: 43013522330000

			FORM 9	
	STATE OF UTAH		FORM 9	
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-66185		
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	oposals to drill new wells, significantly de reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: GMBU I-25-9-15	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY		9. API NUMBER: 43013522330000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		HONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0890 FNL 1778 FEL			COUNTY: DUCHESNE	
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWNE Section: 2	HIP, RANGE, MERIDIAN: 25 Township: 09.0S Range: 15.0E Meridia	n: S	STATE: UTAH	
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOF	RT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
6/12/2014	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
		1		
SUBSEQUENT REPORT Date of Work Completion:	L DEEPEN L	FRACTURE TREAT	☐ NEW CONSTRUCTION	
	OPERATOR CHANGE	PLUG AND ABANDON	L PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION	
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:	
12 DESCRIPE PROPOSED OR	COMPLETED OPERATIONS. Clearly show all	portinant datails including dates	<u>, </u>	
1	to extend the Application for P			
Trominoral proposes s	e chieffa ine Application for t		Utah Division of	
			Oil, Gas and Mining May 14, 2014	
			Date:	
			00 m 2	
			By:	
			-	
		1		
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech		
SIGNATURE N/A		DATE 5/13/2014		

Sundry Number: 51079 API Well Number: 43013522330000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013522330000

API: 43013522330000 Well Name: GMBU I-25-9-15

Location: 0890 FNL 1778 FEL QTR NWNE SEC 25 TWNP 090S RNG 150E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 6/12/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
 Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? Yes No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No
nature: Mandie Crozier Date: 5/13/2014

Sig

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

Form 3160-3 (August 2007)

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 1 2 2013

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

5 Leace Corial No.

APPLICATION FOR PERMIT	TO DRILL OR REENTAL M	UTU66185 6. If Indian, Allottee or Tribe Name
	- STATE STATE OF THE STATE OF T	o. If fildian, Anottee of Tribe Name
la. Type of Work: DRILL REENTER		7. If Unit or CA Agreement, Name and No. UTU87538X
Ib. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Oo 2. Name of Operator Contact	Intuitiple Zone	8. Lease Name and Well No. GMBU I-25-9-15
Contact NEWFIELD EXPLORATION COMPANAL healder	HEATHER CALDER	9. API Well No.
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052	3b. Phone No. (include area code) Ph: 435-646-4936 Fx: 435-646-4936	10. Field and Pool, or Exploratory MONUMENT BUTTE
4. Location of Well (Report location clearly and in accorded	ance with any State requirements.*)	11 Sec. T. P. M. co. Dile and G.
	40.002421 N Lat, 110.103890 W Lon	11. Sec., T., R., M., or Blk. and Survey or Area
At proposed prod. zone SENE 1390FNL 1033FEL	40.001927 N Lat, 110.102933 W Lon	Sec 25 T9S R15E Mer SLB SME: BLM
14. Distance in miles and direction from nearest town or post 15.6 MILES SOUTH OF MYTON, UT	RECEIVEL	12. County or Parish DUCHESNE 13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)		17. Spacing Unit dedicated to this well
1033'	2286.43 MAY 2 7 201	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	MIN BLM/BIA Bond No. on file
968	5733 MD DIV. OF OIL, GAO 9 5650 TVD	WYB000493
21. Elevations (Show whether DF, KB, RT, GL, etc. 6288 GL	22. Approximate date work will start 09/01/2013	23. Estimated duration 7 DAYS
	24. Attachments	
The following, completed in accordance with the requirements of	Onshore Oil and Gas Order No. 1, shall be attached to thi	is form:
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Syste SUPO shall be filed with the appropriate Forest Service Offi 	4. Bond to cover the operations Item 20 above). 5. Operator certification	s unless covered by an existing bond on file (see
25. Signature (Electronic Submission)	Name (Printed/Typed) HEATHER CALDER Ph: 435-646-4936	Date 06/10/2013
Title PRODUCTION TECHNICIAN		
Approved by (Signature)	Name (Printed/Typed)	I Data
Till frage	Jerry Kenczk	a PMAY 1 9 2014
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	
Application approval does not warrant or certify the applicant hole operations thereon.	ds legal or equitable title to those rights in the subject lease	e which would entitle the applicant to conduct
Conditions of approval, if any, are attached.	CONDITI	ONS OF APPROVAL ATTACHED
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, ma States any false, fictitious or fraudulent statements or representation	also it a anima for any 1	ake to any department or agency of the United

Additional Operator Remarks (see next page)

Electronic Submission #210170 verified by the BLM Well Information System For NEWFIELD EXPLORATION COMPANY, sent to the Vernal Committed to AFMSS for processing by JOHNETTA MAGEE on 06/17/2013 (13JM04034)

NOTICE OF APPROVAL



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE** 170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

Newfield Production Company

GMBU I-25-9-15

API No: 43-013-52233 Location: Lease No:

Agreement:

NWNE, Sec. 25, T9S, R1E

UTU-66185

OFFICE NUMBER:

(435) 781-4400

OFFICE FAX NUMBER:

(435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	 Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	 Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <u>blm_ut_vn_opreport@blm.gov</u>
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	 Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
 work and contact the Authorized Officer (AO). A determination will be made by the AO as to what
 mitigation may be necessary for the discovered paleontologic material before construction can
 continue.

Green River District Reclamation Guidelines

The Operator will comply with the requirements of the *Green River District (GRD) Reclamation Guidelines* formalized by Green River District Instructional Memo UTG000-2011-003 on March 28, 2011.

Documentation of the compliance will be as follows:

- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) that
 designates the proposed site-specific monitoring and reference sites chosen for the location. A
 description of the proposed sites shall be included, as well as a map showing the locations of the
 proposed sites.
- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) 3
 growing seasons after reclamation efforts have occurred evaluating the status of the reclaimed
 areas in order to determine whether the BLM standards set forth in the GRD Reclamation
 Guidelines have been met (30% or greater basal cover).
- Prior to beginning new surface disturbance, the operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) providing the results of the noxious weed inventory described in the GRD Reclamation Guidelines (2011). If weeds are found the report shall include 1) A GPS location recorded in North American Datum 1983; 2) species; 3) canopy cover or number of plants; 4) and size of infestation (estimate square feet or acres. Information shall be also documented in the reclamation report.

CONDITIONS OF APPROVAL

Wildlife

In accordance with the Record of Decision for the Castle Peak and Eightmile Flat Oil and Gas Expansion Project, Newfield Rocky Mountains Inc., the following COA's are required:

 WFM-1 On level or gently sloping ground (5 percent slope or less) Newfield will elevate surface pipelines (4 inches or greater in diameter) a minimum of 6 inches above the ground to allow

Page 3 of 8 Well: GMBU I-25-9-15 5/15/2014

passage of small animals beneath the pipe. This ground clearance will be achieved by placing the pipeline on blocks at intervals of 150 to 200 feet.

• WFM-4 Newfield will install noise reduction devices on all pump jacks to reduce intermittent noise to 45 dBA at 660 feet from the source.

COA's derived from mitigating measures in the EA:

If construction and drilling is anticipated during any of the following wildlife seasonal spatial restrictions, a BLM biologist or a qualified consulting firm biologist must conduct applicable surveys using an accepted protocol prior to any ground disturbing activities.

The well is located within crucial elk calving habitat. To minimize impacts construction and drilling
is not allowed from May 15 – June 30. This restriction would not apply to maintenance and
operation of existing facilities. This stipulation may be excepted if either the resource values
change or the lessee/operator demonstrates to BLM's satisfaction that adverse impacts can be
mitigated.

For protection of T&E Fish if drawing water from the Green River

- For areas of fresh water collection, an infiltration gallery will be constructed in a Service approved location. An infiltration gallery is basically a pit or trench dug within the floodplain to a depth below the water table. Water is drawn from the pit rather than from the river directly. If this is not possible, limit pumping within the river to off-channel locations that do not connect to the river during high spring flows.
- If water cannot be drawn using the measures above and the pump head will be located in the river channel where larval fish are known to occur, the following measures apply:
 - Avoid pumping from low-flow or no-flow areas as these habitats tend to concentrate larval fished
 - Avoid pumping to the greatest extent possible, during that period of the year when larval fish may be present (see previous bullet); and
 - Avoid pumping, to the greatest extent possible, during the midnight hours (10:00 p.m. to 2:00 a.m.) as larval drift studies indicate that this is a period of greatest daily activity. Dusk is the preferred pumping time, as larval drift abundance is lowest during this time.
 - o Screen all pump intakes with 3/32-inch mesh material.
- Report any fish impinged on the intake screen to the FWS office (801.975.3330) and the:
 Utah Division of Wildlife Resources
 Northeastern Region
 152 East 100 North
 Vernal, UT 84078
 (435) 781-9453

Air Quality

- All internal combustion equipment will be kept in good working order.
- Water or other approved dust suppressants will be used at construction sites and along roads, as determined appropriate by the Authorized Officer. Dust suppressant such as magnesium chloride or fresh water may be used, as needed, during the drilling phase.
- Open burning of garbage or refuse will not occur at well sites or other facilities.

Page 4 of 8 Well: GMBU I-25-9-15 5/15/2014

- Drill rigs will be equipped with Tier II or better diesel engines.
- Low bleed pneumatics will be installed on separator dump valves and other controllers.
- During completion, no venting will occur, and flaring will be limited as much as possible. Production equipment and gathering lines will be installed as soon as possible.
- Telemetry will be installed to remotely monitor and control production.
- When feasible, two or more rigs (including drilling and completion rigs) will not be run simultaneously within 200 meters of each other. If two or more rigs must be run simultaneously within 200 meters of each other, then effective public health buffer zones out to 200 meters (m) from the nearest emission source will be implemented. Examples of an effective public health protection buffer zone include the demarcation of a public access exclusion zone by signage at intervals of every 250 feet that is visible from a distance of 125 feet during daylight hours, and a physical buffer such as active surveillance to ensure the property is not accessible by the public during drilling operations. Alternatively, the proponent may demonstrate compliance with the 1-hour NO₂ National Ambient Air Quality Standards (NAAQS) with appropriate and accepted near-field modeling. As part of this demonstration, the proponent may propose alternative mitigation that could include but is not limited to natural gas—fired drill rigs, installation of NO_x controls, time/use restrictions, and/or drill rig spacing.
- Green completions will be used for all well completion activities where technically feasible.
- Employ enhanced VOC emission controls with 95% control efficiency on production equipment having a potential to emit greater than 5 tons per year.

Page 5 of 8 Well: GMBU I-25-9-15 5/15/2014

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

 Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: "Greater Monument Butte Green River Development Program", Feb 16, 2012). The operator shall also comply with applicable laws and regulations; with lease terms Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the, authorized officer.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is
 encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal
 Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB

Page 6 of 8 Well: GMBU I-25-9-15 5/15/2014

or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
 Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well by CD (compact disc).
 This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 7 of 8 Well: GMBU I-25-9-15 5/15/2014

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at <u>www.ONRR.gov</u>.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written communication
 and must be received in this office by not later than the fifth business day following the date on
 which the well is placed on production. The notification shall provide, as a minimum, the following
 informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

Page 8 of 8 Well: GMBU I-25-9-15

5/15/2014

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

 All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
 lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a
 suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be
 obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior approval
 of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
 approval of the BLM Vernal Field Office shall be obtained and notification given before resumption
 of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Sundry Number: 62646 API Well Number: 43013522330000

	STATE OF UTAH		FORM 9	
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-66185		
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	posals to drill new wells, significantly dee reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: GMBU 1-25-9-15	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		9. API NUMBER: 43013522330000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		IONE NUMBER: xt	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0890 FNL 1778 FEL			COUNTY: DUCHESNE	
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 25 Township: 09.0S Range: 15.0E Meridiar	n: S	STATE: UTAH	
11. CHEC	K APPROPRIATE BOXES TO INDICATE I	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
6/12/2015	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION	
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK	
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION			
Jano Sr Spaan		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	L TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT Report Date:	☐ WATER SHUTOFF ☐	SI TA STATUS EXTENSION	✓ APD EXTENSION	
	WILDCAT WELL DETERMINATION	OTHER	OTHER:	
1	completed operations. Clearly show all pto extend the Application for P			
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech		
SIGNATURE N/A		DATE 4/15/2015		

Sundry Number: 62646 API Well Number: 43013522330000



The Utah Division of Oil, Gas, and Mining

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013522330000

API: 43013522330000 **Well Name:** GMBU I-25-9-15

Location: 0890 FNL 1778 FEL QTR NWNE SEC 25 TWNP 090S RNG 150E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 6/12/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
 Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
 Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
 Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? 🔘 Yes 📵 No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No
nature: Mandie Crozier Date: 4/15/2015

RECEIVED: Apr. 15, 2015

Sundry Number: 71727 API Well Number: 43013522330000

			1
	STATE OF UTAH		FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-66185	
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0890 FNL 1778 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 25 Township: 09.0S Range: 15.0E Meridi	an: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE [ALTER CASING	CASING REPAIR
Approximate date work will start: 6/12/2016	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
0/12/2010	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN [FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion.	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:
12 DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show al	I nertinent details including dates	denths volumes etc
1	to extend the Application for		
			Date:
			By: Laggill
NAME (PLEASE PRINT)	PHONE NUMBE	R TITLE	
Mandie Crozier	435 646-4825	Regulatory Tech	
SIGNATURE N/A		DATE 5/10/2016	

Sundry Number: 71727 API Well Number: 43013522330000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013522330000

API: 43013522330000 Well Name: GMBU I-25-9-15

Location: 0890 FNL 1778 FEL QTR NWNE SEC 25 TWNP 090S RNG 150E MER S

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• Is bonding still in place, which covers this proposed well? Yes No
nature: Mandie Crozier Date: 5/10/2016

Sig

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

5. Lease Serial No. UTU66185

SUNDRY NOTICES AND REPORTS ON WELLS MAY Do not use this form for proposals to drill or to re-enter an	60	2016
Do not use this form for proposals to drill or to re-enter arit [1]	$v \sim$	ZU (U
handoned well. Hee form 2160-2 (ADD) for each proposale		

abandoned well. Use for	m 3160-3 (APD) for suc	ch proposals.		6. If Indian, Allouee of	Timbe Name
SUBMIT IN TRIPLICATE -	Other instructions on	reverse side.	TAL OTA	7. If Unit or CA/Agree UTU87538X	ment, Name and/or No.
1. Type of Well Gas Well Other	· · · · · · · · · · · · · · · · · · ·		7	8. Well Name and No. GMBU I-25-9-15	
2. Name of Operator NEWFIELD PRODUCTION COMPANYS-	Contact: MANDIE Mail: MCROZIER@NEWFI	CROZIER ELD.COM	-	9. API Well No. 43-013-52233	
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052		e No. (include area code) 5-646-4825		10. Field and Pool, or I MONUMENT BU	Exploratory JTTE
4. Location of Well (Footage, Sec., T., R., M., or Sa	rvey Description)			11. County or Parish, and State	
Sec 25 T9S R15E Mer SLB NWNE 890F	NL 1778FEL			DUCHESNE COUNTY, UT	
12. CHECK APPROPRIATE	BOX(ES) TO INDICA	TE NATURE OF N	NOTICE, RI	EPORT, OR OTHER	R DATA
TYPE OF SUBMISSION		TYPE OF	ACTION		
Notice of Intent ☐ Acidi	ze 🔲	Deepen	☐ Product	ion (Start/Resume)	☐ Water Shut-Off
☐ Alter	Casing	Fracture Treat	☐ Reclam	ation	■ Well Integrity
☐ Subsequent Report ☐ Casin	g Repair	New Construction	☐ Recomp	lete	Other
☐ Final Abandonment Notice ☐ Chan	ge Plans	Plug and Abandon	□ Tempor	arily Abandon	Change to Original A PD
□ Conv	ert to Injection	Plug Back	☐ Water D	Disposal	
testing has been completed. Final Abandonment N determined that the site is ready for final inspection Newfield proposes to extend the Applicate approved on 5/19/14. NEVA - 2014 - 119 EA	ı.)		APD was	VERNALI ENG.	FIELD OFFICE
		JUN 20 20	116	3EOL	
CONDITIONS OF APPR	OVAL ATTACHED [DIV. OF OIL, GAS &	MINING	PET	
14. I hereby certify that the foregoing is true and corre	ect			1-7-	
. Electronic Fo	Submission #338181 ver r NEWFIELD PRODUCTION d to AFMSS for procession	ON COMPANY, sent 1	to the Vernal		
Name (Printed/Typed) MANDIE CROZIER		· [·	ATORY SPE		
Signature (Electronic Submission)		Date 05/02/20	016		
THIS	SPACE FOR FEDE	RAL OR STATE (OFFICE US	SE	
Approved By James		Title La	desistant Fil nds & Mine	eid Manager rai Resources	MAY: 1 2 2016
Conditions of approval of any, are attached. Approval of certify that the applicant holds legal or equitable title to the which would entitle the applicant to conduct operations to	hose rights in the subject leas hereon.	e Office		. FIELD OFFICE	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section States any false, fictitious or fraudulent statements or respectively.			willfully to ma	ke to any department or a	gency of the United

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** **CONDITIONS OF APPROVAL ATTACHED**

CONDITIONS OF APPROVAL

Newfield Exploration Company

Notice of Intent APD Extension

Lease:

UTU-66185

Well:

GMBU I-25-9-15

Location:

NWNE Sec 25-T9S-R15E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 05/19/2018.
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Robin L Hansen of this office at (435) 781-2777